## AMENDMENTS TO CLAIMS

- Please amend pending claims 1 and 6 as indicated below. A complete listing of all claims and their status in the application are as follows:
  - 1. (currently amended) A method of testing an integrated circuit comprising: providing a semiconductor substrate having a semiconductor device provided thereon; forming a first dielectric layer over the semiconductor substrate; forming a first channel in the first dielectric layer in contact with the semiconductor device; forming a first contact pad mask layer;

forming a first contact pad in the first contact pad mask layer in contact with the first channel;

using the first contact pad to test the first channel and the semiconductor device; and removing the first contact pad mask layer and the first contact pad;

forming a second dielectric layer over the semiconductor substrate;

forming a second channel in the second dielectric layer in contact with the semiconductor device;

forming a second contact pad mask layer; and

forming a second contact pad in the second contact pad mask layer in contact with the channel.

2. (original) The method as claimed in claim 1 additionally comprising: using a tester having a microprobe; and wherein:

using the first contact pad includes forming the first contact pad for contact by the microprobe.

- 3. (original) The method as claimed in claim 1 additionally comprising: forming the first contact pad mask layer uses a photoresist.
- 4. (original) The method as claimed in claim 1 additionally comprising: forming the first contact pad forms a material selected from a group consisting of copper, aluminum, gold, silver, a compound thereof, and a combination thereof.
- 5. (original) The method as claimed in claim 1 wherein: removing the first contact pad mask layer and the first contact pad uses polishing.

6. (currently amended) The method as claimed in claim 1 additionally comprising:

forming a second dielectric layer over the semiconductor substrate;

forming a second channel in the second dielectric layer in contact with the semiconductor device:

forming a second contact pad mask layer;

forming a second contact pad in the second contact pad mask layer in contact with the channel;

using the second contact pad to test the second channel; and removing the second contact pad mask layer and the second contact pad.

7. (original) The method as claimed in claim 6 additionally comprising:

using a tester having a microprobe; and

wherein:

using the second contact pad includes forming the second contact pad for contact by the microprobe.

- 8. (original) The method as claimed in claim 6 additionally comprising: forming the second contact pad mask layer uses a photoresist.
- 9. (original) The method as claimed in claim 6 additionally comprising: forming the second contact pad uses a material selected from a group consisting of copper, aluminum, gold, silver, a compound thereof, and a combination thereof.
- 10. (original) The method as claimed in claim 6 wherein: removing the second contact pad mask layer and the second contact pad uses polishing.
- 11. (original) The method as claimed in claim 1 additionally comprising:

forming a via dielectric layer over the semiconductor substrate;

forming a via in the via dielectric layer in contact with the semiconductor device;

forming a second dielectric layer over the via dielectric layer;

forming a second channel in the second dielectric layer contiguous with the via;

forming a second contact pad mask layer;

forming a second contact pad in the second contact pad mask layer in contact with the second channel;

using the second contact pad to test the via and second channel; and removing the second contact pad mask layer and the second contact pad.

> 12. (original) The method as claimed in claim 11 additionally comprising: using a tester having a microprobe; and wherein:

using the second contact pad includes forming the second contact pad for contact by the microprobe.

- 13. (original) The method as claimed in claim 11 additionally comprising: forming the second contact pad mask layer uses a photoresist.
- 14. (original) The method as claimed in claim 11 additionally comprising: forming the second contact pad forms a material selected from a group consisting of copper, aluminum, gold, silver, a compound thereof, and a combination thereof.
- (original) The method as claimed in claim 11 wherein: 15. removing the second contact pad mask layer and the second contact pad uses polishing.
- (original) A method of testing an integrated circuit comprising: 16. providing a semiconductor substrate having a semiconductor device provided thereon; forming a device dielectric layer over the semiconductor substrate by deposition; forming a first dielectric layer over the device dielectric layer by deposition; forming a contact to the semiconductor device in the device dielectric layer; forming a first channel in the first dielectric layer in contact with the contact; forming a via dielectric layer over the first dielectric layer; forming a via in the via dielectric layer in contact with the first channel; forming a second dielectric layer over the via dielectric layer;

forming a second channel in the second dielectric layer contiguous with the via;

forming a contact pad mask layer over a layer selected from the group consisting of the first dielectric layer, the via layer, the second dielectric layer, and a combination thereof;

forming a contact pad in the contact pad mask layer in contact with an element selected from a group consisting of the first channel, the via, the second channel, and a combination thereof;

using the contact pad to test an element from a group consisting of the semiconductor device, the contact, the first channel, the via, the second channel, and a combination thereof; and

removing the contact pad mask layer and the contact pad; and completing the integrated circuit.

17. (original) The method as claimed in claim 16 additionally comprising: using a tester having a microprobe; and wherein:

forming the contact pad includes forming the contact pad for contact by the microprobe.

- 18. (original) The method as claimed in claim 16 additionally comprising: forming the contact pad mask layer uses a photoresist.
- 19. (original) The method as claimed in claim 16 wherein:
  forming the contact pad forms a material selected from a group consisting of copper,
  aluminum, gold, silver, a compound thereof, and a combination thereof.
- 20. (original) The method as claimed in claim 16 wherein: removing the contact pad mask layer and the contact pad uses chemical mechanical polishing.